

**Commonwealth of Kentucky
Division for Air Quality**

REVISED PERMIT APPLICATION SUMMARY FORM

Completed by:
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GENERAL INFORMATION:

Name: Montebello Packaging Inc.
Address: 650 Industrial Drive
Lebanon, KY 40033
Date application received: October 22, 2007
SIC/Source description: 3499/Fabrication Metal Products
AFS (10-digit) Plant ID: 21-155-00028
AI #: 2908
Activity Number: APE20070001
Permit number: F-05-017R1

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___Administrative	<input type="checkbox"/> Title V
<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
___Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not a major modification per 401 KAR 51:017, 1(23)(b) or 51:052 1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:**Existing Source:**

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS¹ (TPY))	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	21.008	0.91	NA
Nitrogen Oxides (NO_x)	25.010	1.08	NA
Sulfur Dioxide (SO₂)	0.150	0.0065	NA
Particulate Matter (PM/PM₁₀)	3.058	0.248	NA
VOC*	26.565	2.196	90
Isophorone**	0.963	0.233	9.0
2 -Butoxyethanol**	0.313	0.0723	9.0
1, 2, 4 Trimethylbenzene**	0.1	0.0289	9.0
Xylene**	0.207	0.051	9.0
Naphthalene**	0.104	0.024	9.0
Toluene**	13.179	0.0018	9.0
Formaldehyde**	0.042	0.0122	9.0
Combined HAPs***	15.146	0.2132	22.50

Emissions from Revision 1:

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS (TPY))	ALLOWABLE EMISSION (TPY)
VOC*	3.729	0	NA
Isophorone**	0.187	0	NA
2 -Butoxyethanol**	0.064	0	NA
1, 2, 4 Trimethylbenzene**	0.016	0	NA
Xylene**	0.040	0	NA
Naphthalene**	0.040	0	NA
Toluene**	2.636	0	NA
Formaldehyde**	0.007	0	NA
Combined HAPs***	3.014	0	NA

Source wide Emissions after modification (Revision 1):

POLLUTANTS	POTENTIAL EMISSIONS (TPY)	ACTUAL EMISSIONS¹ (TPY)	ALLOWABLE EMISSION (TPY)
Carbon Monoxide (CO)	21.008	0.91	NA
Nitrogen Oxides (NO_x)	25.010	1.08	NA
Sulfur Dioxide (SO₂)	0.150	0.0065	NA
Particulate Matter (PM/PM₁₀)	3.058	0.248	NA
VOC*	30.294	2.196	90
Isophorone**	1.150	0.233	9.0
2 -Butoxyethanol**	0.377	0.0723	9.0
1, 2, 4 Trimethylbenzene**	0.116	0.0289	9.0
Xylene**	0.247	0.051	9.0
Naphthalene**	0.125	0.024	9.0
Toluene**	15.815	0.0018	9.0
Formaldehyde**	0.049	0.0122	9.0
Combined HAPs***	18.159	0.2132	22.50

1. Actual emissions are from the Kentucky Division for Air Quality's 2006 Emissions Inventory report.

* The source has accepted a facility-wide cap on annual VOC emissions of no more than 90 tons per rolling 12-month period.

** The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9 tons per rolling 12-month period.

*** The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period.

REVISION 1 (MINOR REVISION):

On October 22, 2007, the Division received an application from the source for a minor revision to their conditional major permit F-05-017.

There are five (5) coating lines (EP# 1, 2, 3, 4 and 5) currently operating at the facility. The source is proposing to add one more coating line # 6 (EP # 6).

The new line will have one roll coater for outer coating (F3) and one roll coater for decorative graphic coating (F5). VOC and /HAPs emissions will be controlled by the existing natural gas fired Regenerating Thermal Oxidizer (EP # 7).

The current source wide emission allowable for VOC is 90 tons per rolling 12-month period, 9.0 and 22.5 tons per rolling 12-month period for a single and combined HAPs respectively. These allowables will remain the same.

SOURCE PROCESS DESCRIPTION:

Montebello makes flexible aluminum tubes for pharmaceuticals and toothpaste. Aluminum disks are extruded to form tubes. Coatings are applied inside and outside. Inside coatings are sprayed, outside coatings are applied by roll coating. Coatings are solvent based.

The facility was a conditional major source for VOC, and HAP's F-00-012 (Revision 1). The sources has applied for the renewal of their permit.